

I CLAIM:

1. A computer program product for controlling a managing computer to manage
5 malware protection within a computer network containing a plurality of network
connected computers, said computer program product comprising:

receiving code operable to receive at said managing computer a plurality of
log data messages identifying detection of malware by respective ones of said
plurality of network connected computers;

10 detecting code operable to detect from said plurality of log data messages
received by said managing computer a pattern of malware detection across said
plurality of network connected computers matching one or more predetermined
trigger patterns; and

15 action performing code operable in response to detection of one or more
predetermined trigger patterns to perform one or more predetermined anti-malware
actions.

2. A computer program product as claimed in claim 1, wherein said plurality of
network connected computers each have a malware scanner that serves to scan
20 computer files to detected malware within said computer files.

3. A computer program product as claimed in claim 2, wherein said malware
scanner uses malware definition data to identify malware to be detected.

25 4. A computer program product as claimed in claim 3, wherein said one or more
predetermined anti-malware actions include forcing an update of malware definition
data being used by one or more of said plurality of network connected computers.

5. A computer program product as claimed in claim 2, wherein said one or more
30 predetermined anti-malware actions include altering at least one scanner setting of at
least one malware scanner such that said malware scanner performs more thorough
malware scanning.

6. A computer program product as claimed in claim 1, wherein said one or more predetermined anti-malware actions include isolating one or more of said network connected computers from other parts of said computer network.

5 7. A computer program product as claimed in claim 1, wherein said managing computer stores said plurality of log data messages within a database.

8. A computer program product as claimed in claim 7, wherein said detecting code is operable to query said database.

10 9. A computer program product as claimed in claim 7, wherein said database includes data identifying one or more of:
malware protection mechanisms used by respective network connected computers;

15 versions of malware protection computer programs used by respective network connected computers;

versions of malware definition data used by respective network connected computers; and

20 security settings of malware protection mechanisms used by respective network connected computers.

10. A method of managing malware protection within a computer network containing a plurality of network connected computers, said method comprising the steps of:

25 receiving at a managing computer a plurality of log data messages identifying detection of malware by respective ones of said plurality of network connected computers;

30 detecting from said plurality of log data messages received by said managing computer a pattern of malware detection across said plurality of network connected computers matching one or more predetermined trigger patterns; and

in response to detection of one or more predetermined trigger patterns, performing one or more predetermined anti-malware actions.

11. A method as claimed in claim 10, wherein said plurality of network connected computers each have a malware scanner that serves to scan computer files to detect malware within said computer files.

5 12. A method as claimed in claim 11, wherein said malware scanner uses malware definition data to identify malware to be detected.

13. A method as claimed in claim 12, wherein said one or more predetermined anti-malware actions include forcing an update of malware definition data being used
10 by one or more of said plurality of network connected computers.

14. A method as claimed in claim 11, wherein said one or more predetermined anti-malware actions include altering at least one scanner setting of at least one malware scanner such that said malware scanner performs more thorough malware
15 scanning.

15. A method as claimed in claim 10, wherein said one or more predetermined anti-malware actions include isolating one or more of said network connected computers from other parts of said computer network.

20 16. A method as claimed in claim 10, wherein said managing computer stores said plurality of log data messages within a database.

25 17. A method as claimed in claim 16, wherein said detecting includes querying said database.

18. A method as claimed in claim 16, wherein said database includes data identifying one or more of:

30 computers;

malware protection mechanisms used by respective network connected
connected computers;

versions of malware definition data used by respective network connected
computers; and

security settings of malware protection mechanisms used by respective network connected computers.

19. Apparatus for managing malware protection within a computer network

5 containing a plurality of network connected computers, said apparatus comprising:

receiving logic operable to receive at a managing computer a plurality of log data messages identifying detection of malware by respective ones of said plurality of network connected computers;

detecting logic operable to detect from said plurality of log data messages 10 received by said managing computer a pattern of malware detection across said plurality of network connected computers matching one or more predetermined trigger patterns; and

15 action performing logic operable in response to detection of one or more predetermined trigger patterns to perform one or more predetermined anti-malware actions.

20. Apparatus as claimed in claim 19, wherein said plurality of network connected computers each have a malware scanner that serves to scan computer files to detect malware within said computer files.

21. Apparatus as claimed in claim 20, wherein said malware scanner uses malware definition data to identify malware to be detected.

22. Apparatus as claimed in claim 21, wherein said one or more predetermined anti-malware actions include forcing an update of malware definition data being used 25 by one or more of said plurality of network connected computers.

23. Apparatus as claimed in claim 20, wherein said one or more predetermined anti-malware actions include altering at least one scanner setting of at least one 30 malware scanner such that said malware scanner performs more thorough malware scanning.

24. Apparatus as claimed in claim 19, wherein said one or more predetermined anti-malware actions include isolating one or more of said network connected computers from other parts of said computer network.

5 25. Apparatus as claimed in claim 19, wherein said managing computer stores said plurality of log data messages within a database.

26. Apparatus as claimed in claim 25, wherein said detecting logic is operable to query said database.

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27. Apparatus as claimed in claim 25, wherein said database includes data identifying one or more of:

malware protection mechanisms used by respective network connected computers;

15 versions of malware protection computer programs used by respective network connected computers;

versions of malware definition data used by respective network connected computers; and

20 security settings of malware protection mechanisms used by respective network connected computers.